



# Bulletin of Popular Information

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## SOME GOOD LANDSCAPE SHRUBS, WHAT THEY HAVE TO OFFER AND HOW THEY MAY BE USED

As landscape subjects shrubs rank next to trees in importance, providing as they do ornamental interest at a lower and more intimate level. And, being more numerous and offering a greater potential, their selection requires even more careful consideration and thought.

In addition to the purely decorative features such as flowers, foliage and fruit, such factors as size, contour, structural framework, color and texture are equally important, as are hardiness, light requirements and adaptability to prevailing soil and moisture conditions. Upon these the most effective use of the shrub depends. Wisely chosen and well placed, shrubs should persist for years, offering a full range of seasonal interest in return for a minimum of care.

To aid in choosing the right shrub for the right place a half dozen or so of the better subjects of various qualifications and uses have been arranged into group categories for quick reference. All of the plants included represent those of proven worth at the Morton Arboretum. And, while the lists could each have been expanded with other desirable additions, those chosen were thought to be typical representatives of their respective classes.

### Shrubs for Early Bloom

Japanese Corneliancherry Dogwood, *Cornus officinalis* 12 ft. Vigor of growth, a pleasing structural framework, yellow flowers (early April) in generous clusters, excellent dark green foliage and profuse oblong red fruit (September) are the desirable features of this oriental dogwood; for sun or part shade.

February Daphne, *Daphne mezereum* 3 ft. Precocious shrub whose very fragrant lilac to rosy purple flowers appear in late March or early April before the narrow leaves; light shade.

Early Forsythia, *Forsythia ovata* 8 ft. The hardiest and earliest Forsythia to bloom (late March-early April), although smaller flowered and not as floriferous as the others; sun.

Chinese Witchhazel variety, *Hamamelis mollis brevipedata* 12 ft. A tall gray green leaved Witchhazel which may blossom any time from March to early April; flowers large, narrow petalled and bright yellow in color; a sunny, well drained protected location suits it best.

Vernal Witchhazel, *Hamamelis vernalis* 10 ft. The first shrub to blossom in the Arboretum, the small fragrant old gold or yellowish flowers sometimes opening in January; fall foliage color yellow, the leaves persisting late; sun or part shade.

Fragrant Viburnum, *Viburnum fragrans* 8 ft. The earliest flowering Viburnum in our collection is this Chinese species whose scented pink flowers open in early April; buds deep rose pink; foliage medium green, deeply ribbed; habit of growth erect and arching branched; a protected sunny location with good drainage is recommended.

#### Shrubs for Late Bloom

Orange-eye Butterfly Bush, *Buddleia davidi* in variety to 8 ft., sometimes taller. A dieback shrub of vigorous growth producing a profusion of fragrant flowers in erect spikes in August and September; flower colors include white, pink, red, purple and intermediate hues; requires a light, well drained soil.

Blue Mist Bluebeard, *Caryopteris clandonensis* 'Blue Mist' 3 ft. Dainty gray leaved shrub grown primarily for its abundant light blue flowers in August and September; a well drained location in full sun is essential.

Common Witchhazel, *Hamamelis virginiana* (See Shrubs for Shade)

Althea, Rose of Sharon, *Hibiscus syriacus* in variety 10 ft. Erect shrub with August borne single or double hollyhock-like flowers of white, pink, rose, blue or purple; foliage medium green, appearing late; prefers a moderately moist soil.

Peegee Hydrangea, *Hydrangea paniculata grandiflora* to 10 ft. Foot long dense pyramidal clusters of white flowers in August and September constitute the major attraction of this rather coarse branched hydrangea; with age the blossoms assume pinkish rose tints before changing to bronzy green; foliage coarse textured; taller when trained to tree form.

Hardy Lilac Chastetree, *Vitex agnus castus latifolia* (See Shrubs with Fragrant Foliage)

#### Shrubs with Coarse Textured Foliage

Bottlebrush Buckeye, *Aesculus parviflora* (See Shrubs for Shade)

Fringe Tree, *Chionanthus virginicus* to 20 ft. Coarse rounded bush with bold foliage and fragrant white flowers in loose panicles; fruit dark blue (fall); autumnal foliage color bright yellow; requires plenty of space.

Kelseydwarf Redosier Dogwood, *Cornus stolonifera 'kelseyi'* 2 ft. Dwarf, evenly rounded shrub with bold foliage; twigs reddish purple in winter.

Yeddo Euonymus, *Euonymus yedoensis* 15 ft. Stiffly branched, semi-arborescent shrub with bold foliage and decorative rose colored fruit in prodigious quantities; new growth green; fall foliage color reddish; best used as a specimen.

Oakleaf Hydrangea, *Hydrangea quercifolia* (See Shrubs for Shade)

Siebold Viburnum, *Viburnum sieboldi* 12 ft. Imposing upright growing Viburnum with bold, deeply veined medium green leaves, clusters of creamy flowers (May) and showy fruit changing from pink to red to black (late summer); a fine specimen shrub.

#### Shrubs with Fine Textured Foliage

Fountain Butterflybush, *Buddleia alternifolia* 8 ft. Graceful, arching branched shrub with gray green willow-like leaves and handsome



- clusters of small, very fragrant purplish-lilac flowers; a well drained location in full sun is recommended for it.
- Arnold Honeysuckle, *Lonicera amoena arnoldiana* 8 ft. Another gracefully arching bush with delicate gray green foliage, dainty white, pink flushed flowers (May) and red fruit (summer); floriferous.
- Katherine Dykes Potentilla, *Potentilla fruticosa* 'Katherine Dykes' 2½ ft. Compact, arching branched small shrub with fine textured, gray green fern-like foliage and single, clear yellow cup-like blossoms opening in late May and continuing to flower throughout the summer; prefers sun and good drainage.
- Primrose Rose, *Rosa primula* 8 ft. Vigorous, early flowering (May) species rose with fine textured aromatic foliage, brown canes and small reddish fruit; flowers single, pale yellow and about 1½ inches in diameter; sun.
- Chenault Coralberry, *Symphoricarpos chenaulti* 3 ft. Neat low shrub with small, fine textured leaves, small pinkish white flowers (mid-summer) and small red fruit marked with white; does best in a well drained soil and is tolerant of some shade.
- Fivestamen Tamarix, *Tamarix pentandra* 8 ft. Hardy species with extremely fine textured grayish green foliage and small, feathery pink flowers in mid-summer; should be planted in well drained soil in full sun; requires regular pruning to keep it in good form.
- Cutleaf Chastetree, *Vitex negundo incisa* 8-10 ft. Tall shrub of loose open habit with finely cut aromatic gray green leaves and loose clusters of small lilac colored flowers in August and September; a die-back shrub preferring full sun and perfect drainage.

### Shrubs with Exceptional Fall Foliage Color

- Korean Barberry, *Berberis koreana* 5 ft. Upright branched shrub with deep orange yellow to red fall foliage color; its pendent clusters of yellow, May-borne flowers and persistent bright red berries are also conspicuous; sun.
- Winged Euonymus, *Euonymus alata* to 10 ft. Horizontally branched, corky winged shrub with very showy rose pink fall foliage color; develops best color in full sun; the variety 'compacta' is lower growing with bright red fall foliage color.
- Large Fothergilla, *Fothergilla major* 8 ft. Erect shrub with fragrant white bottlebrush-like flowers in mid May and brilliant yellow to scarlet autumnal foliage color; best in light shade.
- Whitchhazel, *Hamamelis virginiana* (See Shrubs for Shade)
- Shining Sumac, *Rhus copallina* to 12 ft. A most ornamental sumac with lustrous green foliage turning bright scarlet in autumn; its red fruit spikes are also showy; prefers a dry, well drained soil.
- Southern Blackhaw Viburnum, *Viburnum rufidulum* to 12 ft. Highly polished foliage changing to scarlet or purplish in autumn features this good looking tall shrub; also noted for its flat clusters of decorative white flowers (L. May) and oval white fruits changing to blue (autumn).

### Shrubs with Fragrant Foliage

- Sweet Fern, *Comptonia peregrina* 4 ft. Rounded shrub with aromatic fern-like leaves; prefers moist, peaty or sandy soil.

Spicebush, *Lindera benzoin* to 12 ft. Slender aromatic twigged bush with small early yellow flowers, red fruit in fall and clear yellow foliage color; prefers low moist woods.

Bayberry, *Myrica pennsylvanica* to 5 ft. here. Rounded shrub with leathery, semi-evergreen foliage and persistent gray fruit; prefers a sandy soil in full sun.

Fragrant Sumac, *Rhus aromatica* to 5 ft. (true type). Semi-procumbent facer shrub with early yellow flowers (May), 3 parted aromatic foliage, brilliant scarlet, yellow and purplish fall color and small fuzzy red berry-like fruit; an excellent shrub for natural plantings in sun or part shade.

Sweetbrier Rose, Eglantine, *Rosa eglanteria* 6 ft. Thorny, arching branched shrub with light green foliage of apple fragrance and dainty single pink flowers; vigorous.

Hardy Lilac Chaste-tree, *Vitex agnus castus latifolia* 5 ft. Top tender shrub noted for its late bloom (spikes of deep lavender blue flowers in September) and luxuriant deep green compound leaves of pleasing fragrance; prefers sandy, well drained soil in full sun.

### Shrubs with Persistent Foliage

Mentor Barberry, *Berberis mentorensis* 5 ft. Upright, thorny branched hybrid barberry with long persistent leathery leaves; provides late fall color; sun.

Korean Littleleaf Boxwood, *Buxus microphylla koreana* to 5 ft. Compact shrub with fine textured evergreen foliage turning brownish in winter; hardy and dependable in either sun or part shade.

Glossy Wintercreeper Euonymus, *Euonymus fortunei carrierei* to 3 ft. (as a shrub) Erect branched shrub or vine with glossy evergreen foliage; best used in shaded locations.

Bigleaf Wintercreeper Euonymus, *Euonymus fortunei vegeta* to 5 ft. (as a shrub) A most desirable broad leaved evergreen with rounded light green foliage and bittersweet-like fruit; may be used as a shrub, high climbing vine or ground cover in shade or part shade.

Winter Honeysuckle, *Lonicera fragrantissima* 8 ft. Arching branched shrub with early fragrant white flowers (April), red fruit and semi-evergreen leathery leaves; tolerates part shade.

Leatherleaf Viburnum, *Viburnum rhytidophylloides* 8 ft. A hybrid Viburnum with coarse textured persistent foliage, flat white flower clusters and red fruit turning black; tolerates part shade.

### Shrubs with Decorative Fruit

Gray Dogwood, *Cornus racemosa* 12 ft. Native shrub spreading to form pleasing undulating masses along fence rows or woodland margins; the winter twigs have a distinctive lavender cast; following the small white flowers of early summer appear the attractive white fruit borne on bright red pedicels.

Cranberry Cotoneaster, *Cotoneaster apiculata* 3 ft. Low shrub of irregular mounded habit with round glossy green leaves, small pinkish white flowers and large red fruit in the fall; prefers full sun.

Manyflower Cotoneaster, *Cotoneaster multiflora calocarpa* 12 ft. Tall, gracefully arching branched species with white flowers (May), at-



- tractive rounded foliage of blue green and very showy cranberry sized red fruit produced in prodigious quantities (Sept.); sun.
- Eastern Wahoo, Burning Bush, *Euonymus atropurpurea* to 15 ft. Erectly branched Euonymus with persistent deep rose pink capsules borne on drooping pedicels and opening to disclose scarlet coated seeds; foliage elliptical, dark green in summer, pale yellow in autumn.
- Arrowwood Viburnum, *Viburnum dentatum* 12 ft. Rapid growing, shade tolerant Viburnum producing full clusters of blue berries in early autumn; white flowers in May; habit of growth erect.
- Wayfaringtree Viburnum, *Viburnum lantana* 12 ft. Stout rounded shrub with coarse gray green foliage and very decorative multi-colored (green to yellow to pink to red to black) fruit clusters in late summer; sun.

#### Shrubs with Persistent Fruit

- Autumn Elaeagnus, *Elaeagnus umbellata* 12 ft. Widespreading shrub with silvery new foliage, very sweet scented small yellowish flowers (May) and late, brown dotted Chinese red berries; sun.
- Winterberry, *Ilex verticillata* 8 ft. An erect branched deciduous holly of interest because of its long clinging bright scarlet berries; although an inhabitant of wet marshy areas it will tolerate drier conditions; sun.
- Regels Border Privet, *Ligustrum obtusifolium regelianum* 6 ft. A neat, horizontally branched privet with fine textured foliage, clusters of small white flowers (June) and small, persistent powder blue berries; fall foliage color old gold to purplish; tolerant of shade, indifferent as to soil.
- Late Honeysuckle, *Lonicera maacki podocarpa* 15 ft. Tall shrub with late white flowers (June) in pairs followed by late, long persistent translucent Chinese red fruit; foliage dark green; a good background shrub.
- Dahurian Buckthorn, *Rhamnus davurica* to 20 ft. Wide spreading stoutly branched shrub with bold foliage and persistent shiny black fruit; vigorous and very tolerant of soils and exposures.
- Jetbead, *Rhodotypos scandens* 6 ft. Low branched shrub with light green foliage, white strawberry-like flowers in mid-May and long persistent hard shiny black fruit; a good foreground shrub and one tolerant of heavy shade.

#### Shrubs with Fruit Attractive to Birds

- Snowy Shadblow, *Amelanchier grandiflora* to 20 ft. The most picturesque Shadblow, a horizontally branched hybrid with pure white flowers in drooping racemes (L-April) and large, sweet flavored red to blue black fruit in early summer; autumn color orange terra cotta.
- Gray Dogwood, *Cornus racemosa* (See Shrubs with Decorative Fruit)
- Japanese Rose, *Rosa multiflora* 8 ft. Vigorous widespreading species with arching, formidably armed canes; produces small single white flowers in large pyramidal clusters (June) followed in autumn by small Chinese red berries effective well into the winter; sun; attractive to 40 species of birds.
- Allegheny Blackberry, *Rubus allegheniensis* to 6 ft. Wild blackberry with erect, arching or ascending canes brownish in color and quite prickly; small white flowers (late May) and shiny black oblong or thimble shaped fruit (July); this and the following Rubus are known

- to be attractive to 149 species of birds; both are suitable only for naturalistic planting in large areas.
- Blackcap Raspberry, *Rubus occidentalis* to 10 ft. The long recurving or arching canes of this Raspberry are a common sight along fence rows, thicket borders and woodland margins; stems reddish purple with a glaucous bloom; flowers white in May and June followed by sweet flavored red to black fruit.
- American Elder, *Sambucus canadensis* (See Shrubs for Moist Locations)  
Known to attract 120 species of birds.
- Arrowwood Viburnum, *Viburnum dentatum* (See Shrubs with Decorative Fruit)
- American Cranberrybush Viburnum, *Viburnum trilobum* 12 ft. A handsome species similar to but more reliable than the European form, 'opulus', conspicuous because of its flat clusters of white flowers (May), its attractively tinted fall foliage color (purplish red) and its scarlet red berries which ripen in autumn and last well into the winter.

### Shrubs with Pronounced Twig Color

- Siberian Dogwood, *Cornus alba sibirica* 8 ft. The true Siberian Dogwood has winter twig color of rose coral; creamy flowers (late May) and white changing to blue berries are further attractions; prefers sun and is tolerant of moisture.
- Gray Dogwood, *Cornus racemosa* (See Shrubs with Decorative Fruit)
- Yellowtwig Redosier Dogwood, *Cornus stolonifera flaviramea* 8 ft. Moisture loving dogwood with prominent yellow twigs in winter; flowers and fruit similar to the type species.
- Korean Winged Euonymus, *Euonymus alata* 'Korean type' 8 ft. A flat topped, wide spreading geographical variation of the Winged Euonymus with very corky light tan twigs; fruits more profusely than the type species and has fall foliage color showing more of the orange scarlet tones; sun.
- Japanese Kerria, *Kerria japonica* 4 ft. Interesting low shrub conspicuous in winter by reason of its bright green twigs; light green foliage and golden yellow flowers (late May) are further attractions; does best in sun or light shade in well drained locations.
- Redleaf Rose, *Rosa rubrifolia* 6 ft. Erect bush with reddish purple winter twigs, the new growth showing brighter color and a pronounced bloom; gray green foliage with a reddish tinge and small pink flowers (June) provide interest at other seasons.

### Picturesque Shrubs

(Shrubs of interesting branch structure or silhouette)

- Maximowicz Peashrub, *Caragana maximowicziana* to 5 ft. Picturesque spiny branched shrub of irregular habit whose width usually exceeds its height; has fine textured bright green foliage and inch long yellow pea-shaped flowers in May; prefers a light well drained soil in full sun.
- Knaphill Scarlet Japanese Quince, *Chaenomeles lagenaria* 'Knaphill Scarlet' to 5 ft. An irregular, horizontally branched Quince with bright scarlet flowers; best for specimen use.
- Pagoda Dogwood, *Cornus alternifolia* to 20 ft. Tall, semi-arborescent shrub whose branches are arranged in pleasing horizontal tiers; other interests include creamy flowers (L-May) blue fruit on red pedicels



(summer); useful both as a specimen plant or in naturalistic plantings. Early Cotoneaster, *Cotoneaster adpressa praecox* 3 ft. Low growing, irregularly mounded shrub with small dark green rounded leaves, small pinkish flowers and showy red fruit in autumn; needs full sun and good drainage; useful as a specimen plant or in shrubby borders. Cutleaf Staghorn Sumac, *Rhus typhina laciniata* to 10 ft. A picturesque irregularity almost Japanese in character distinguishes this cut leaved variety of the Staghorn Sumac; fall foliage color a glowing orange scarlet; sun.

Japanese Doublefile Viburnum, *Viburnum plicatum fomentosum* to 10 ft. Horizontal branches with the attractive foliage and flower clusters arranged in flat planes along the upper surfaces account for much of this Viburnum's charm; small oval red fruit changing to blue black ripens in the fall; autumn foliage color purplish red; sun and good drainage preferred.

### Six Choice, Little Known Shrubs

Korean Abelialeaf, *Abeliophyllum distichum* 5 ft. Precocious white blossoms shaped like Forsythia blooms and borne in dense clusters along the branches of this comparatively new shrub provide an unusual mid April blossom show; the roundish foliage assumes varicolored autumn tints; sun.

Nishikichidon Japanese Quince, *Chaenomeles lagenaria* 'Nishikichidon' 2 ft. An interesting dwarf Japanese Quince with double salmonyscarlet flowers of crepe paper texture; sun.

Caucasian Daphne, *Daphne caucasica* to 8 ft. The most dependable Daphne in the Arboretum Collection is this narrow leaved species bearing fragrant tubular white flowers along its erect, wand-like branches (late May); prefers an alkaline soil in full sun.

Dwarf Alps Honeysuckle, *Lonicera alpigena nana* 5 ft. A uniformly rounded contour, an interesting twiggy branch structure, dark, bold textured foliage and oval, bright scarlet fruit give this dwarf honeysuckle its special appeal; slow growing.

Chinese Bushcherry, *Prunus japonica* 5 ft. Bushy low shrub with attractive fragile light pink flowers in early May, small subglobose wine red cherries in August and burnished coppery bronze foliage coloring in October; prefers a well drained location in full sun.

Buckthorn species, *Rhamnus pallasii* 6 ft. Combines a pleasing rounded habit of growth with dark polished stems, fine textured clean green foliage and short stalked black fruit; a good landscape shrub; sun or light shade.

### Shrubs for City Planting

Japanese Corneliancherry Dogwood, *Cornus officinalis* (See Shrubs for Early Bloom)

Peking Cotoneaster, *Cotoneaster acutifolia* 8 ft. Very tolerant round headed species with glossy green foliage, small pinkish white flowers and conspicuous black fruit (fall); known for its ability to thrive in poor dry soil; may be clipped.

Winged Euonymus, *Euonymus alata* and its variety 'compacta' (See Shrubs with Exceptional Fall Color).

Showy Border Forsythia, *Forsythia intermedia spectabilis* 8 ft. Of upright habit of growth with large, profuse deep yellow flowers (M to L April)

Regels Border Privet, *Ligustrum obtusifolium regelianum* (See Shrubs with Persistent Fruit)

Winter Honeysuckle, *Lonicera fragrantissima* (See Shrubs with Persistent Foliage)

Alpine Currant, *Ribes alpinum* (See Shrubs for Shade)

Japanese Tree Lilac, *Syringa amurensis japonica* (to 25 ft.) Semi-arborescent lilac with shiny, cherry-like bark, good sized medium green foliage and large feathery panicles of fragrant creamy white blossoms in late June and early July.

### Low Shrubs for Facer Planting

(foreground shrubs to grade down from taller groupings)

Alpine Japanese Flowering Quince, *Chaenomeles japonica alpina* 3 ft. Low, twiggy, flat topped Quince with abundant orange scarlet flowers (May); sun.

Bigleaf Wintercreeper Euonymus, *Euonymus fortunei vegeta* (See Shrubs for Shade)

Japanese Kerria, *Kerria japonica* (See Shrubs with Pronounced Twig Color)

Mountain Ninebark, *Physocarpus monogynus* 5 ft. A dense, evenly rounded shrub with clusters of small white Spirea-like flowers in May, good summer foliage and late, burnt orange fall color; sun, part shade.

Katherine Dykes Potentilla, *Potentilla fruticosa* 'Katherine Dykes' (See Shrubs with Fine Textured Foliage)

Fragrant Sumac, *Rhus aromatica* (See Shrubs with Fragrant Foliage)

Alpine Currant, *Ribes alpinum* (See Shrubs for Shade)

### Shrubs for Ground Cover Use

Purpleleaf Wintercreeper Euonymus, *Euonymus fortunei colorata* 6 in. The most dependable evergreen ground cover for this area; a dense, close growing cover plant with bright green summer color turning purplish in autumn; light to heavy shade.

Bigleaf Wintercreeper Euonymus, *Euonymus fortunei vegeta* (See Shrubs for Shade)

Running Euonymus, *Euonymus obovata* 10 in. Deciduous creeper with flat interlacing greenish stems, light green foliage and decorative warty red fruit; uses, ground cover in shade or part shade.

Arnold Dwarf Forsythia, x *Forsythia* 'Arnold Dwarf' 2½ ft. Dwarf mound-like shrub with purplish arching branches which root at the tips; foliage light green and of pleasing texture; flowers scantily; sun or part shade.

Canby Pachistima, *Pachistima canbyi* 1 ft. Neat compact shrublet with narrow, fine textured evergreen foliage; a fine undercover for evergreens; shade.

Max Graf Rose, *Rosa rugosa* 'Max Graf' 1 ft. A semi-procumbent rose with rich green 'rugosa' type foliage and large, single pink, gold centered flowers in June; layers readily but does not make as flat a cover as the Memorial Rose; sun.



### Shrubs for Clipped Hedges

Korean Littleleaf Boxwood, *Buxus microphylla koreana* (See Shrubs with Persistent Foliage)

Winged Euonymus, *Euonymus alata* (See Shrubs with Exceptional Fall Foliage Color)

Claveys Dwarf Honeysuckle, *Lonicera* 'Claveys Dwarf' 5 ft. Dwarf compact shrub with attractive gray green foliage and dense branches of silvery winter cast; useful for quick hedges; sun, light shade.

Nippon Buckthorn, *Rhamnus davurica nipponica* to 6 ft. as a clipped hedge, perhaps taller. One of the most attractive hedges in the Arboretum Collection is this intricately branched variety with fine textured medium green foliage.

Alpine Currant, *Ribes alpinum* (See Shrubs for Shade)

Chinese Lilac, *Syringa chinensis* to 15 ft. Although blossom is sacrificed by clipping, the Chinese Lilac makes a splendid, fine textured hedge plant which may be maintained either as a medium sized (5 ft.) or taller hedging material.

### Shrubs Tolerant of Heavy Clay

European Filbert, *Corylus Avellana* 12 ft. Attractively rounded bush of interesting branch structure with early pale yellow catkins, medium green summer foliage and very attractive gold, scarlet and purplish fall color; fruits irregularly here.

Korean Winged Euonymus, *Euonymus alata* 'Korean Type' (See Shrubs with Pronounced Twig Color)

Eastern Wahoo, Burning Bush, *Euonymus atropurpurea* (See Shrubs with Decorative Fruit)

European Fly Honeysuckle, *Lonicera xylosteum* 10 ft. Abundant dark crimson fruit in late August and September and soft green foliage set this honeysuckle apart; the yellowish white flowers in pairs are not particularly attractive.

Prairie Rose, *Rosa setigera* 6 to 8 ft., but sometimes climbing to 15. The showiest native rose, a July flowering species producing quantities of large, single pink blossoms and clusters of good sized red fruit; fall foliage color yellowish to orange red.

Nannyberry Viburnum, *Viburnum lentago* 15 ft., sometimes taller. Native Viburnum with all the good qualities of the genus, large cymes of white flowers (late May), oval blue-black fruit (Sept.) and effective reddish purple fall foliage color; fruits attractive to birds; spreads by stolons to form dense colonies.

### Shrubs for Sandy Soil

Sweet Fern, *Comptonia peregrina* (See Shrubs with Fragrant Foliage)

Gray Dogwood, *Cornus racemosa* (See Shrubs with Decorative Fruit)

Russian Olive, *Elaeagnus angustifolia* to 20 ft. Tall shrub planted chiefly for its conspicuous gray green foliage; small fragrant, yellow, silvery tinged flowers occur in early June followed in August by yellowish fruit covered with silvery scales; shiny brown bark interesting; sun.

Bayberry, *Myrica pennsylvanica* (See Shrubs with Fragrant Foliage)

Western Sand Cherry, *Prunus besseyi* 6 ft. Dual purpose shrub grown both for its edible 1/2" diameter purplish black fruit (fall), and for its attractive white flowers (May) and good looking foliage; sun.

Shining Sumac, *Rhus copallina* (See Shrubs with Exceptional Fall Foliage Color)

### Shrubs for Moist Locations

Red Chokeberry, *Aronia arbutifolia* 8 ft. Erect shrub with attractive foliage, clusters of pinkish tinted white flowers (May) and showy bright red fruit lasting well into the autumn; fall foliage color red; requires a facer shrub as it tends to legginess at the base.

Siberian Dogwood, *Cornus alba sibirica* (See Shrubs with Pronounced Twig Color)

Yellowtwig Redosier Dogwood, *Cornus stolonifera flaviramea* (See Shrubs with Pronounced Twig Color)

Leatherwood, *Dirca palustris* 6 ft. Rounded bush of pleasing symmetry with flexible olive green branches covered with inconspicuous yellow flowers (March-April) before the leaves appear; foliage medium green, turning yellow in fall; very tolerant of shade and moisture.

Winterberry, *Ilex verticillata* (See Shrubs with Persistent Fruit)

American Elder, *Sambucus canadensis* 8 ft. Summer blooming (late June, early July) native shrub bearing flat cymes of diminutive creamy white flowers followed by small edible black fruit much relished by the birds.

Arrowwood Viburnum, *Viburnum dentatum* (See Shrubs with Decorative Fruit)

### Shrubs for Shade

Bottlebrush Buckeye, *Aesculus parviflora* 8 ft. A mounded shrub, often broader than high, with interestingly displayed compound foliage, foot long pyramidal white flower spikes in July and clear yellow fall foliage color; best in part shade.

Bigleaf Wintercreeper Euonymus, *Euonymus fortunei vegeta* (See Shrubs with Persistent Foliage)

Common Witchhazel, *Hamamelis virginiana* 15 ft. Woodland shrub of pleasing habit with light green foliage turning clear yellow in fall and late, narrow petalled yellow flowers (Oct. Nov.); an excellent shade shrub.

Snowhill Hydrangea, *Hydrangea arborescens grandiflora* 6 ft. Erect growing, dense, light green foliaged shrub producing a profusion of rounded clusters of large creamy white flowers in late June or early July; a good foreground shrub for the partially shaded border.

Oakleaf Hydrangea, *Hydrangea quercifolia* 5 ft. Mounded shrub with bold oak-like leaves which assume prominent purplish red fall color; bears erect panicles of typical hydrangea flowers in July; will tolerate quite heavy shade.

Winter Honeysuckle, *Lonicera fragrantissima* (See Shrubs with Persistent Foliage)

Common Buckthorn, *Rhamnus cathartica* 12 ft. Stiff, erect branched twiggy shrub with dark green deeply veined elliptical leaves which cling until late in the fall; fruit blue black, widely disseminated by birds; very shade tolerant.

Jetbead, *Rhodotypos scandens* (See Shrubs with Persistent Fruit)



Alpine Currant, *Ribes alpinum* 5 ft. An evenly mounded low shrub with fine textured, early appearing foliage; one of the best shade plants; stands clipping very well.

Arrowwood Viburnum, *Viburnum dentatum* (See Shrubs with Decorative Fruit)

### Shrubs and Vines for Slopes

American Bittersweet, *Celastrus scandens* to 20 ft. as a vine, 5 or 6 without support. A twining vine or sprawling ground cover of vigorous habit with bright green foliage and conspicuous yellow and red berries in the fall; may be scythed periodically to keep it in bounds; plants of both sexes are necessary to insure fruit; sun or part shade.

Sweet Fern, *Comptonia peregrina* (See Shrubs with Fragrant Foliage)

Cranberry Cotoneaster, *Cotoneaster apiculata* (See Shrubs with Decorative Fruit)

Halls Japanese Honeysuckle, *Lonicera japonica halliana* to 20 ft. as a vine. Rapid growing twining vine or ground cover with dark semi-evergreen foliage and large, delightfully fragrant trumpet shaded flowers, white when they open—yellow as they fade; may be used in either sun or part shade where it will take root wherever it touches moist ground.

Memorial Rose, *Rosa wichuraiana* 1 ft. or lower. Prostrate rose of strong growth, with long trailing branches; valuable for erosion control and other ground cover uses; has lustrous semi-evergreen leaves and single white 2" diameter flowers in mid-summer.

Hancock Prostrate Coralberry, *Symphoricarpos chenaulti* 'Hancock' 2 ft. Dwarf shrub forming a neat mat of fine textured foliage; fruit rose pink; sun or part shade.

### Shrubs for Screening Purposes

Winged Euonymus, *Euonymus alata* (See Shrubs with Exceptional Fall Foliage Color)

European Euonymus, *Euonymus europaea* to 20 ft. Semi-arborescent shrub of dense habit with leathery dark green foliage, green four sided twigs and showy pink fruit (autumn) splitting open to reveal orange coated seeds; fall foliage color purplish, occurring late; sun or shade.

Vernal Witchhazel, *Hamamelis vernalis* (See Shrubs for Early Bloom)

Winter Honeysuckle, *Lonicera fragrantissima* (See Shrubs with Persistent Foliage)

Late Honeysuckle, *Lonicera maackii podocarpa* (See Shrubs with Persistent Fruit)

Common Buckthorn, *Rhamnus cathartica* (See Shrubs for Shade)

E. L. Kammerer

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Bayberry, *Myrica pennsylvanica* — Lois., rounded shrub with fragrant, semi-evergreen foliage.